

PI 589039. *Malus domestica* Borkh.

Paragon. Pedigree - Seed planted about 1830; introduced after 1870; thought to be Winesap x Limbertwig. Comments:: Fruit: size medium large, 70-80 mm; skin 50-80% red, dull blush, scarfskin; shape round-conic; flesh hard, light yellow; flavor slightly acid; eating quality below fair; harvest season very late, early Nov., 4 wks after Delicious. Tree: Triploid; large, vigorous; medium productive; strongly biennial cropping. Winesap Type. R.D. Way, 1992.

The following were developed by Mr. Crooks, Red Hook, New York, United States. Donated by Roger D. Way, Cornell University, New York State Agric. Exp. Station, Department of Horticulture, Geneva, New York 14456-0462, United States. Received 06/24/1985.

PI 589040. *Malus domestica* Borkh.

Gloria Mundi. Pedigree - Unknown; first recorded 1804. Comments:: Fruit: size very large; skin greenish-yellow sometimes with faint bronze blush; shape round; flesh semifirm, light yellow; flavor mildly subacid; eating quality fair; harvest season early October. Tree: vigorous; spreading; not productive. Very large.

The following were developed by Carl R. Gibson, Evans City, Pennsylvania, United States. Donated by Roger D. Way, Cornell University, New York State Agric. Exp. Station, Department of Horticulture, Geneva, New York 14456-0462, United States. Received 06/24/1985.

PI 589041. *Malus domestica* Borkh.

Golden Delicious (Smoothee). Pedigree - A less-russeting mutation of Golden Delicious; introduced 1967; assigned to Nursery Corp., Hartford, MI. Comments:: Fruit and tree: indistinguishable from Golden Delicious, except less russet (Cummins, J.N. et al. 1977. HortScience 12:241) A less-russeting sport of Golden Delicious.

The following were developed by I. Middleton, West Webster, New York, United States. Donated by Roger D. Way, Cornell University, New York State Agric. Exp. Station, Department of Horticulture, Geneva, New York 14456-0462, United States. Received 06/24/1985.

PI 589042. *Malus domestica* Borkh.

Middleton Fameuse. Comments:: Fruit and tree indistinguishable from Fameuse; not a red-fruited mutation. Same as fameuse. R.D. Way, 1992.

The following were donated by Roger D. Way, Cornell University, New York State Agric. Exp. Station, Department of Horticulture, Geneva, New York 14456-0462, United States. Received 06/24/1985.

PI 589043. *Malus domestica* Borkh.

Bietigheimer. Pedigree - Unknown. Comments:: Size large 79-99:72-81 mm; shape intermediate to flat or tall, truncate-conic, convex, broad ribs at eye and on body, asymmetric; skin pale greenish yellow, almost entirely covered with bright pinkish red to deep red flush, russet dots, solid rough russet on base, smooth; flesh fine, hard crisp, creamy white; flavor acid; season mid; large, unattractive, poor quality.

The following were developed by A.W.S. Hunter, Central Experiment Farm, Ottawa, Ontario, Canada. Donated by Roger D. Way, Cornell University, New York State Agric. Exp. Station, Department of Horticulture, Geneva, New York 14456-0462, United States. Received 06/24/1985.